

AMENDMENTS TO THE CLAIMS

Claims 1-29 (Cancelled)

30. (New) A sheet like substrate comprising a substantially non-polar material having coated onto at least one side thereon an anchor coating to aid subsequent coating thereon of a polar coating and/or layer, characterised in that the anchor coating comprises

(a) a polymer comprising an optionally substituted α,β carboxylic acid optionally of high acid value preferably the polymer having a low T_g ;

(b) a polymer comprising an optionally unsubstituted α,β carboxylic acid optionally of low acid value preferably the polymer having a high T_g ;

(c) a cross-linker, preferably added after a period of time to a mixture of polymers (a) and (b) to cross-link the resultant coating composition and increase the T_g thereof.

31. (New) The sheet as claimed in claim 30, in which the polar coating or layer is selected from: a pressure sensitive adhesive and/or a metal.

32. (New) The sheet as claimed in claim 30, in which the polar coating is a metal layer.

33. (New) The sheet as claimed in claim 30 in which the polar coating is aluminum.

34. (New) The sheet as claimed in claim 30 in which component (a) comprises a high acid imminated acrylic polymer.

35. (New) The sheet as claimed in claim 30 in which component (a) is present in an amount from about 50% to about 90% by weight of the dry coat.

36. (New) A sheet as claimed in claim 30 in which component (a) is present in an amount from about 70% to about 80% by weight of the dry coat.

37. (New) The sheet as claimed in claim 30 in which component (b) comprises an alkyl methacrylate polymer.

38. (New) The sheet as claimed in claim 30 in which component (a) is present in an amount from about 5% to about 50% by weight of the dry coat.

39. (New) The sheet as claimed in claim 30 in which component (a) is present in an amount from about 10% to about 30% by weight of the dry coat.

40. (New) The sheet as claimed in claim 30 in which component (c) comprises an aziridine cross-linker.

41. (New) The sheet as claimed in claim 30 in which component (c) comprises trimethylol-tris(N(methylaziridiny)) propionate.

42. (New) The sheet as claimed in claim 30 in which component (c) is present in an amount from about 0.1 % to about 20% by weight of the dry coat.

43. (New) The sheet as claimed in claim 30 in which component (c) is present in an amount from about 1 % to about 10% by weight of the dry coat.

44. (New) An anchor coating composition comprising
(a) a polymer comprising an optionally substituted α,β carboxylic acid optionally of high acid value preferably the polymer having a low T_g ;

(b) a polymer comprising an optionally unsubstituted α,β carboxylic acid optionally of low acid value preferably the polymer having a high T_g ;

(c) a cross-linker, preferably added after a period of time to a mixture of polymers (a) and (b) to cross-link the resultant coating composition and increase the T_g thereof.

45. (New) The anchor coating composition comprising components (a), (b) and (c) as claimed in claim 44 plus a liquid carrier.

46. (New) The anchor coating composition as claimed in 45, in which the liquid carrier is water.

47. (New) The anchor coating composition as claimed in claim 45 which further comprises a wetting agent.

48. (New) The anchor coating composition as claimed in claim 45 which further comprises a means to inhibit the cross-linking component (c).

49. (New) A method for coating at least one side of a substantially planar self supporting sheet, the method comprising the steps of:

(a) optionally treating the sheet surface (optionally by primer coat and/or corona discharge) to better receive a coating;

(b) preparing a coating composition as claimed in claim 44;

(c) applying and fixing said composition to at least one surface of the sheet to form a coating thereon;

(d) optionally drying the coating on the sheet to remove excess liquid.

50. (New) A method for coating at least one side of a substantially planar self supporting sheet, the method comprising the steps of:

- (a) optionally treating the sheet surface (optionally by primer coat and/or corona discharge) to better receive a coating;
- (b) preparing a coating composition as claimed in claim 48;
- (c1) applying and fixing said formulation to at least one surface of the sheet to form a coating thereon;
- (c2) just before, sequentially, or simultaneously with step (c1) deactivating the inhibition means to allow cross-linking; and
- (d) optionally drying the coating on the sheet to remove excess liquid.

51. (New) The method as claimed in claim 50, in which step (c2) comprises a change in pH.

52. (New) The method as claimed in any of claims 49 to 51, which comprises the further steps of:

- (e) waiting until cross-linking has substantially been completed; and then
- (f) applying a further coating onto the anchor composition.

53. (New) The method as claimed in claim 49 or 50, in which a further coat comprises an adhesive (optionally pressure-sensitive) and/or a metal layer (optionally aluminum).

54. (New) The coated sheet obtained and/or obtainable by a method claimed in any one of claims 49 or 50.

55. (New) The sheet according to any of claim 30, in which the sheet comprises a cellulosic material, polymeric material and/or thermoplastic polymer.

56. (New) The sheet according to claim 55, in which the sheet comprises a polyolefin, polyurethane, polyester, polyamides and/or non-hydrocarbon polymer and which is optionally oriented in at least one direction.

57. (New) Packaging for an article, the packaging comprising the sheet as claimed in claim 30.

58. (New) An article packaged with packaging as claimed in claim 57.

59. (New) A label and/or graphic art display comprising a sheet as claimed in claim 30.

60. (New) An article comprising a label and/or graphic art display as claimed in claim 59.